

Rec'd PCT/PPO 12 OCT 2004

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
16 October 2003 (16.10.2003)

PCT

(10) International Publication Number
WO 2003/084941 A3

(51) International Patent Classification⁷: C07D 295/18,
241/24, 211/60, 207/16, A61K 31/40, 31/44, 31/535,
A61P 29/00

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(21) International Application Number:
PCT/EP2003/003644

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(22) International Filing Date: 8 April 2003 (08.04.2003)

(81) Designated States (national): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK,
LT, LU, LV, MA, MD, MK, MN, MX, NI, NO, NZ, OM,
PH, PL, PT, RO, RU, SC, SE, SG, SK, TJ, TM, TN, TR,
TT, UA, US, UZ, VC, VN, YU, ZA, ZW.

(25) Filing Language: English

(84) Designated States (regional): Eurasian patent (AM, AZ,
BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE,
BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU,
IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR).

(26) Publication Language: English

Published:

— with international search report

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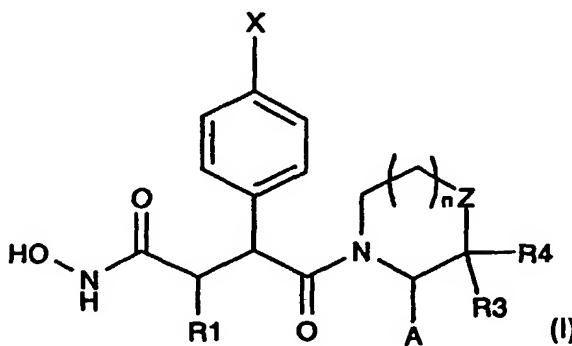
(88) Date of publication of the international search report:
25 March 2004

(72) Inventors; and

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

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(54) Title: HYDROXAMIC ACID DERIVATIVES



(57) Abstract: Novel hydroxamic acid derivatives, e.g., of formula (I), wherein R₁, R₂, R₃ and R₄ are as defined, are found to be useful as pharmaceuticals, e.g., for the suppression of TNF release and the treatment of autoimmune and inflammatory diseases, e.g., multiple sclerosis and rheumatoid arthritis. Methods of making the compounds, novel intermediates, and pharmaceutical compositions comprising the compounds are provided.

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INTERNATIONAL SEARCH REPORT

International Search Report No
PCT/EP 03/03644

A. CLASSIFICATION OF SUBJECT MATTER					
IPC 7	C07D295/18	C07D241/24	C07D211/60	C07D207/16	A61K31/40
	A61K31/44	A61K31/535	A61P29/00		

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C07D A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BEILSTEIN Data, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 97 22587 A (CIBA GEIGY AG ; PARKER DAVID THOMAS (US)) 26 June 1997 (1997-06-26) claims ---	1-11
A	WO 96 33172 A (RIZZI JAMES P ; PFIZER (US); PISCOPIO ANTHONY D (US)) 24 October 1996 (1996-10-24) claims ---	1-11
A	WO 98 27069 A (NEYA MASAHIRO ; OKU TERUO (JP); SATO KENTARO (JP); FUJISAWA PHARMAC) 25 June 1998 (1998-06-25) claims -----	1-11

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- 'A' document defining the general state of the art which is not considered to be of particular relevance
- 'E' earlier document but published on or after the International filing date
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- 'O' document referring to an oral disclosure, use, exhibition or other means
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T later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the International search	Date of mailing of the International search report
14 October 2003	27/10/2003
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Chouly, J

INTERNATIONAL SEARCH REPORTInternational Application No.
PCT/EP 03/03644**Box I Observations where certain claims were found unsearchable (Continuation of Item 1 of first sheet)**

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:

Although claims 5,9 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of Item 2 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- The additional search fees were accompanied by the applicant's protest.
 No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/EP 03/03644

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Information on patent family members

International application No

PCT/EP 03/03644

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